



The DPI-6620 is an electronic controller suited for a wide range of guiding applications. It functions as a specialized version of the D-MAXE, with additional features to enable its use with Fives North America (FNA) legacy equipment. The addition of an interface board extends the hardware capabilities of the standard D-MAXE system. The DPI-6620 directly drives an electro-hydraulic servo valve or the input of an electro-mechanical power amplifier. It also provides various digital inputs and outputs, and several analog inputs. The DPI-6620 can be used for edge guide, center guide, and master/slave applications, and it accepts inputs from all Fife and FNA legacy sensors — edge guide and center guide — and most off-the-shelf transducers.



SPECIFICATIONS

Operating Temperature

0° to 50° C (32° to 122° F)

Certifications

EMC to EN61326-1 (industrial)
Class A

LVD to EN61010-1

RoHS compliant to 2011/65/EU

IP54 Protection Class

Digital Outputs

Dry form C- 120/240 Vac and 24 Vdc

Digital Inputs

All Solid State

120.240 Vac (50/60 Hz)

Line run relay

Roll center on

Jog in/jog out

kg (8.0 lbs)

Stagger on, seek on, detector jog
out and detector jog in optional

Analog Inputs

± 15V, 0-5V or 0-20 mA range
with 16 bit resolution

Analog Outputs

Valve Drive- ±125mA or ±10V
output

Remote Meter- ±10V

Sensor Power Output

±15V @250mA

Line Speed Input

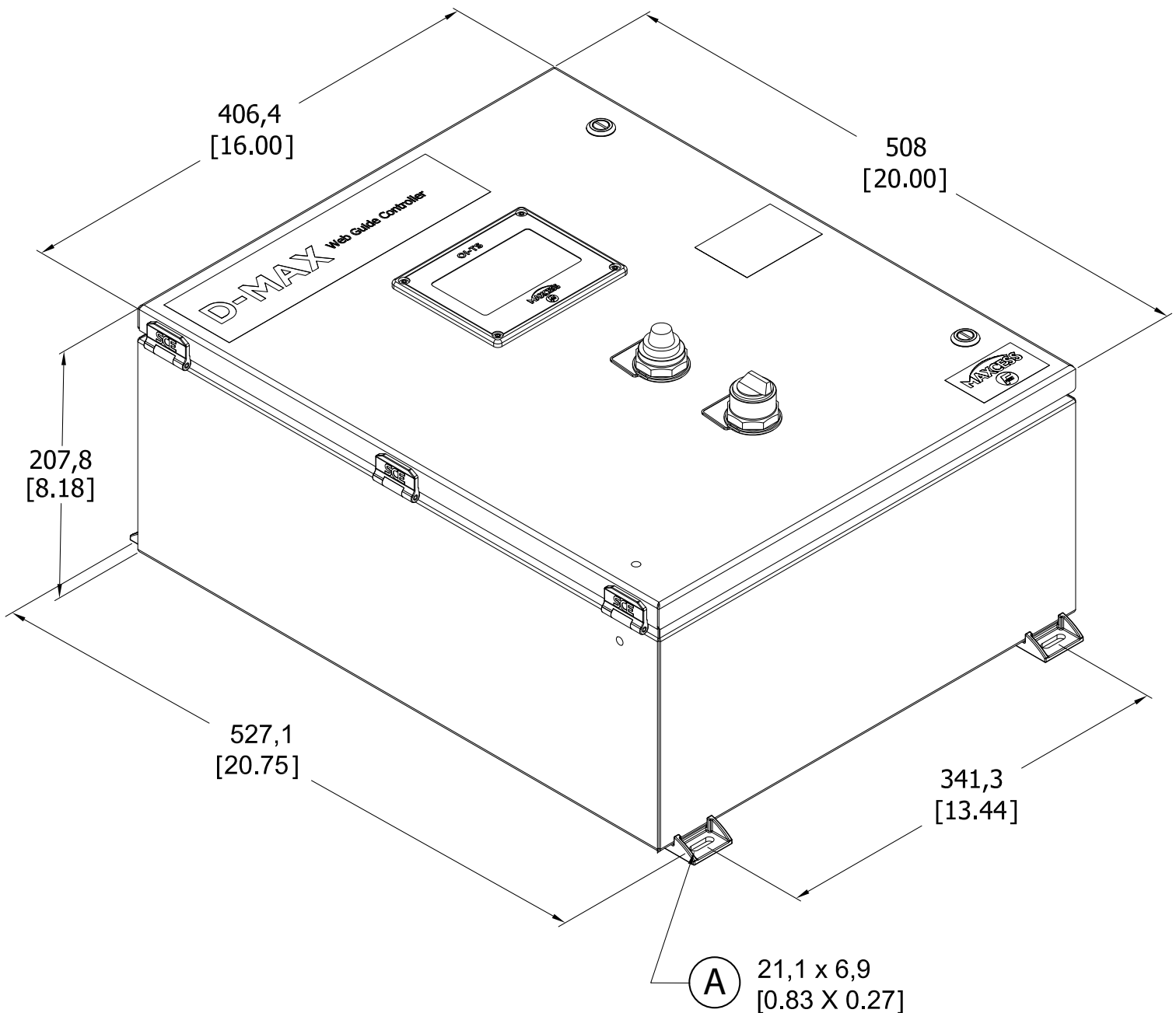
5V pulse train to counter/timer
input

4-20mA or 0-10V analog input

KEY FEATURES

- **Operator Friendly**– Uses an icon based operator interface with menus available in any language.
- **Flexibility**– The included D-MAXE is compatible with all of FIFE's current sensors and actuators as well as North American sensors and actuators.
- **Technology**–The D-MAX-E has innovative features such as AOP for Rockwell PLC's, DLR fault tolerant network capability, and embedded networking protocols.

DPI 6620 CONTROLLER



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